

## BEST AVAILABLE COPY

MIHA = ★ Q35 87-197664/28 ★ SU 1273-317-A  
Conveyor for distributing loads - has linear coupling formed by  
Z/shaped sectors and pivoted fixing elements on loading-unloading  
platforms

MINSK HABERDASH FUR 19.12.84-SU-870660

(30.11.86) B65g-47/46

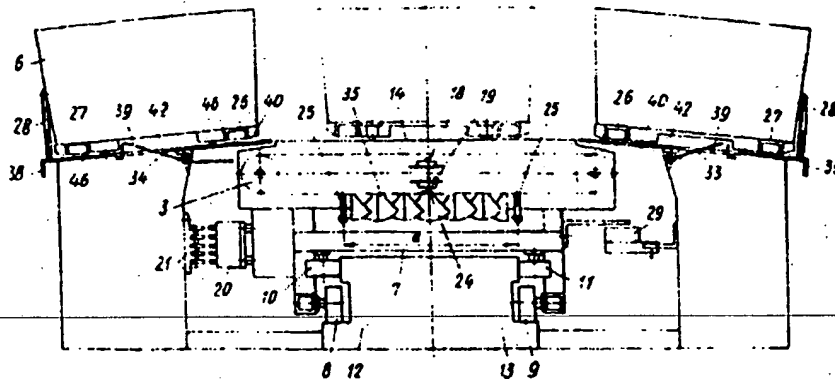
19.12.84 as 870660 (1575MI)

The conveyor comprises a transfer carriage, running on a horizontal rail track for servicing lines of loading/unloading positions on each side of the track. Loads are moved, one at a time between selected positions by the transfer carriage, being moved on to or off the transfer carriage by two parallel endless transfer chains with interlocking Z-shaped sector elements which engage the U-shaped end frame of the load supporting base. The transfer of the loads is controlled automatically by an encoding/decoding system with position detectors.

The load (6) is transferred between the loading/unloading platform (28) and the platform (14) of the transfer carriage by the conveyor (3) comprising two parallel transfer chains and the linear coupling (35) formed by interlocking Z-shaped sector elements, which engage the end (26) of the load supporting base. The fixing elements (33,34) which project through the apertures (39) in the bottom of the loading/unloading platforms (28) rotate about a horizontal spindle and are lowered to release the load for transfer on to the transfer carriage. After transfer, the fixing elements are returned by a spring to their original position.

ADVANTAGE - Increased reliability and safety of operation.  
Bul.44/30.11.86 (6pp Dwg.No.4/9)  
N87-147748

5-5



© 1987 DERWENT PUBLICATIONS LTD.

128, Theobalds Road, London WC1X 8RP, England

US Office: Derwent Inc. Suite 500, 6845 Elm St. McLean, VA 2210

Unauthorised copying of this abstract not permitted.